

Missouri Department of Natural Resources

Total Maximum Daily Load Information Sheet

Dry Wood Creek

Water Body Segment at a Glance:

Counties:	Vernon and Barton
Nearby Cities:	Liberal and Deerfield
Water Body ID:	1314
Length of segment:	29.9 miles
Watershed Size:	383.8 square miles total 220.3 sq. miles in Missouri
Pollutant:	Sulfate plus chloride
Source:	Acid mine drainage



Statewide Map Showing Location of Watershed

Scheduled for TMDL development: 2023

Description of the Problem

Designated Beneficial uses of Dry Wood Creek

- Livestock and Wildlife Watering
- Protection of Warm Water Aquatic Life
- Protection of Human Health (Fish Consumption)
- Whole Body Contact Recreation – Category B

Use that is impaired

- Protection of Warm Water Aquatic Life

Standards that apply

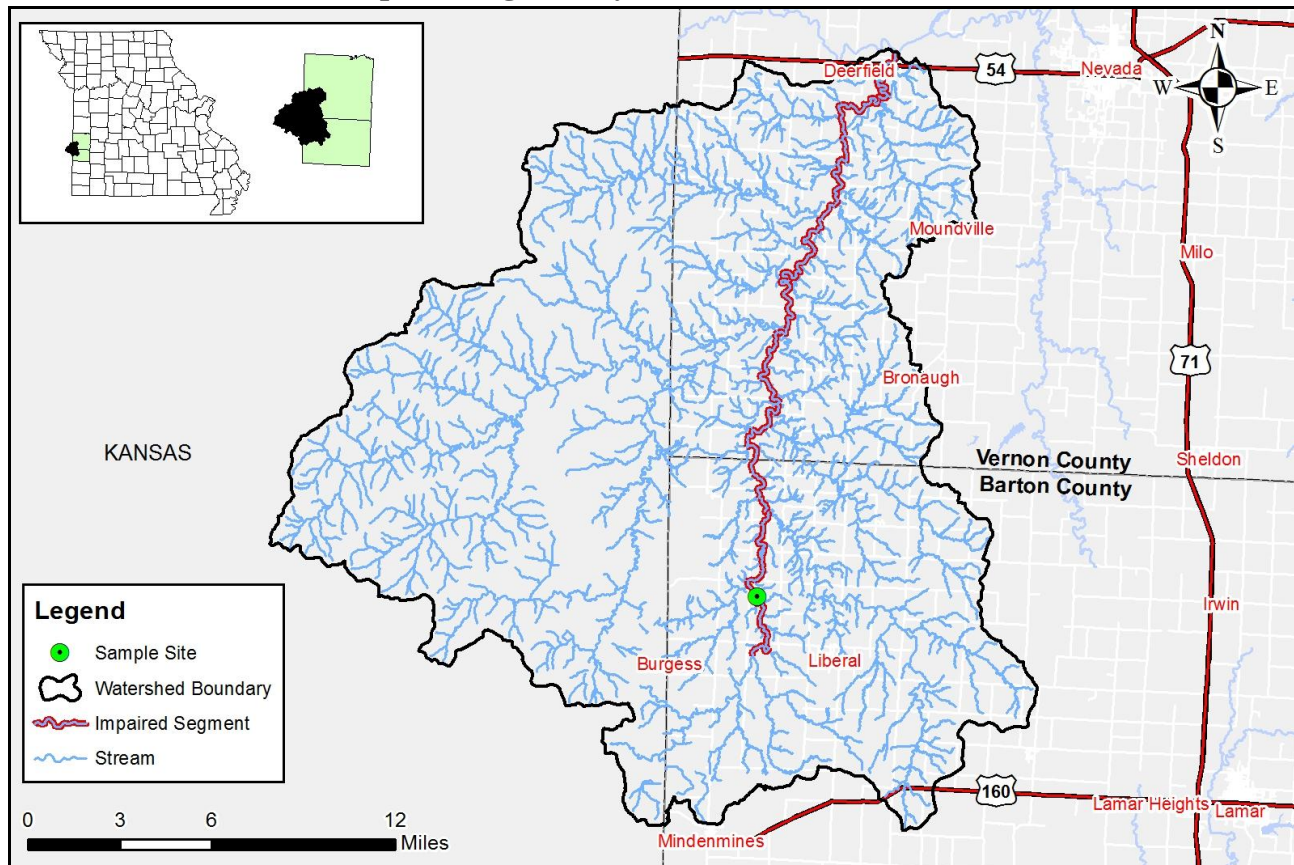
- Numeric criteria for sulfate and chloride are found in Table A of Missouri's Water Quality Standards at 10 CSR 20-7.031. However, this criteria has not yet been approved by the U.S. Environmental Protection Agency. For this reason, Dry Wood Creek was assessed against the state's older sulfate plus chloride criterion. The acute criterion for sulfate plus chloride was 1,000 milligrams per liter.

Background information and water quality data

Dry Wood Creek is a large stream in southwest Missouri that is a tributary to the Meramec River. The Dry Wood Creek watershed extends outside Missouri into Kansas. A water body is judged to be impaired by sulfate plus chloride if the acute criterion is exceeded on more than one occasion during the last three years for which data is available. The last three years of available data for Dry Wood Creek are from August 2002 to July 2005. During this period the acute criterion was

exceeded twice. For this reason, Dry Wood Creek was judged to be impaired for sulfate plus chloride.

Map showing the Dry Wood Creek Watershed



NOTE: The final Dry Wood Creek TMDL will use the most recent and available data and information

For more information call or write:

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